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CIA-RDP86-00513R000721520018-5

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CIA-RDP86-00513R000721520018-5"

KERES, Kh. [Keres, H.]

The principle of correspondence in the general theory of  
relativity. Zhur. eksp. i teor. fiz. 46 no.5:1741-1754  
My '64. (MIRA 17:6)

1. Institut fiziki i astronomii AN Estonskoy SSR.

KERESE, Istvan, Dr.

Examinations of the swelling of pelts, II. Bor cipo 10 no.3:  
67-70 My '60.

1. Boripari Kutato Intezet.

KERESE, Istvan, Dr.

The use of radioisotopes in the research work for the leather industry. Bor cipo 10 no.5:139-141 S '60.

1. Boripari Kutato Intezet.

KERESE, Istvan, dr.

Application of radioisotopes in leather research. Bor cipo 12  
no.5/6:140-142 0 '62.

1. Boripari Kutato Intezet.

KERES, K.

Some problems of the general theory of relativity.

P. 3, (Uurimused, Trudy.) No. 5, 1957, Tallinn, Estonia

SO: Monthly Index of East European Acessions (EEAI) Vol. 6, No. 11 November 1957

KERES, K.H.

The concept of the inertia system in the general theory of relativity.

P. 12, (Uurimused Trudy) No. 5, 1957, Tallinn, Estonia

SO: Monthly Index of East European Accessions (EEAI) Vol. 6, No. 11 November 1957

ACCESSION NR: AP4037587

S/0056/64/046/005/1741/1754

AUTHOR: Keres, Kh.

TITLE: The correspondence principle in the general theory of relativity

SOURCE: Zh. eksper. i teor. fiz., v. 46, no. 5, 1964, 1741-1754

TOPIC TAGS: relativity theory, correspondence principle, gravitational field, Petrov classification, geodesic coordinate

ABSTRACT: In Newtonian theory the gravitational field may be described in terms of a suitably chosen coordinate system by means of the coefficients of the line element of three-dimensional Euclidean space. Therefore, the relativistic theory of gravitation can be directly compared with the Newtonian theory. A limiting process in which the gravitational fields of the general theory of relativity tend toward the corresponding fields of Newtonian theory is described. A correspondence of quantities of the general theory of relativity with quantities of Newtonian theory is established.

Card- 1/2



ACCESSION NR: AP4037587

The Newtonian limit is computed for a gravitational field of the second type (according to Petrov's classification) admitting a group of motions of maximum order  $G_6$ . Orig. art. has: 83 formulas.

ASSOCIATION: Institut fiziki i astronomii Akademii nauk Estonskoy SSR (Institute of Physics and Astronomy, Academy of Sciences Estonian SSR)

SUBMITTED: 12Oct63 / DATE ACQ: 09Jun64 ENCL: 00

SUB CODE: GP / NO REF SOV: 001 OTHER: 003

Card 2/2

24.4400 (1057, 1158, 1395)

22589  
S/044/60/000/010/012/021  
C111/C333

AUTHOR: Keres, Kh.

TITLE: Theory of the inertia field in the general theory of relativity

PERIODICAL: Referativnyy zhurnal, Matematika, no. 10, 1960, 103, abstract 11722. (Tr. In-ta fiz. i astron. AN EstSSR, 1959, No. 9, 3-42)

TEXT: A continuation of the investigation of the author (RZhMat, 1958, 4192) on the equations of general mechanics, hydrodynamics and electrodynamics in three-dimensional formulation in the general theory of relativity. The paper consists of three parts. In the first part the author considers the generalized inertial system which is given by the interval  $ds^2 = c^2 dt^2 - \gamma_{jk} dx^j dx^k$ . X

In order to obtain the equations of mechanics (inclusively hydrodynamics) and of electrodynamics in the variable inertia field, at first there are set up classical equations and then there are obtained "semirelativistic" equations (with explicitly occurring time) with the aid of the covariant transition. In the second part the equations of the inertia field are investigated on the basis of Einstein's

Card 1/3

Theory of the inertia field...

22589  
S/044/60/000/010/012/021  
C111/C333

equations, and a successive approximation method is proposed for their solution (a parameter is introduced which is set equal to one at the end of the calculations). The question of convergence is not considered. Also boundary conditions are not considered. The question on the equations for the spatial metric of the inertial system and their integration by successive approximations is separately considered. In the third part which is in intimate connection with the investigations of (Kirkwood R.L., Phys.Rev., 1953, 92; 1954, 95), the equations of electrodynamics and of the inertia field are investigated in the non-inertial coordinate systems of the three-dimensional Euclidean space. Here especially the Maxwell-Lorenz equations are obtained in a moving coordinate system. They read:

$$\text{rot}(\mathbf{E} + (1/c)[\mathbf{H}, \mathbf{v}]) + (1/c)(\partial \mathbf{H} / \partial t) = 0, \quad \text{div } \mathbf{H} = 0,$$

$$\text{rot}(\mathbf{H} - (1/c)[\mathbf{E}, \mathbf{v}]) - (1/c)(\partial \mathbf{E} / \partial t) = (4\pi/c)\mathbf{w}, \quad \text{div } \mathbf{E} = 4\pi\varphi,$$

where  $\mathbf{v}$ --transmission speed,  $\mathbf{w} = \mathbf{v} + \mathbf{u}$ ,  $\mathbf{u}$ --relative speed. Representations of the field by potentials are given too:  $\mathbf{H} = \text{rot } \mathbf{A}$ ,  $\mathbf{E} + (1/c)[\mathbf{H}, \mathbf{v}] = -\text{grad } \varphi - (1/c)(\partial \mathbf{A} / \partial t)$ . The Lorenz condition is written in the form:  $\text{div} [\mathbf{A} + (1/c)\varphi \mathbf{v}] + (1/c)(\partial \varphi / \partial t) = 0$ ,  $\varphi = - (1/c)(\mathbf{A}, \mathbf{v})$ ;  
Card 2/3

Theory of the inertia field...

22589  
S/044/60/000/010/012/021  
C111/C333

the Lorenz force is  $\mathbf{f} = \frac{1}{c}(\mathbf{E} + (1/c)[\mathbf{v}, \mathbf{H}])$ . The notion of the accompanying space is introduced which is obtained with the aid of the transformation of the interval  $ds^2 = (c^2 - v^2)dt^2 + 2\mathbf{v}_i x_i dt - dx_i dx_i$  to new variables  $z_i$  according to the formulas  $x_i = a_{ik}(t)z_k + a_i$ , where  $a_{li}a_{lk} = \delta_{ik}$ . As an example the centrosymmetrical field is considered, where  $\mathbf{v} = -f(r,t)\mathbf{r}$ , and it is shown that such a field leads to the gravitational field of Schwarzschild. For determining the irrotational field of speed there are used successive approximations.  
[Abstracter's note: Complete translation.]

Card 3/3

MUT, Yuriy Yur'yevich [Mut, J.] akademik, prof. [1892-1952]; ~~KERES, Kh. P.~~ [Keres, H.]  
prof., otv. red.; ROZENFEL'D, B.A., prof., otv. red.; ~~SHLY~~  
CHENKO, G.N., tekhn. red.

[Lobachevski's geometry treated analytically] Geometriia Lo-  
bachevskogo v analiticheskom izlozhenii. Moskva, Izd-vo Akad.  
nauk SSSR, 1961. 309 p. (MIRA 14:5)

1. Akademiya nauk Estonskoy SSR (for Mut)  
(Geometry, Non-Euclidean)

KERES, L., kandidat meditsinskikh nauk

On the medical equipment of a sector pediatrician. Vop.okh.mat. i  
det. 2 no.3:75-77 My-Je '57. (MIRA 10:7)

1. Iz kafedry pediatrii (sav. - kandidat meditsinskikh nauk Z.Saar)  
Tartuskogo gosudarstvennogo universiteta.  
(MEDICAL INSTRUMENTS AND APPARATUS)

KREBS, L.M., kand.med.nauk

On hypervitaminosis D and idiopathic hypercalcemia in young children. Sov.med. 23 no.6:35-38 Je '59. (MIRA 12:9)

1. Iz kafedry pediatrii (zav. - kand.med.nauk Z.N.Saar)  
Tartusko~~go~~ gosudarstvennogo universiteta na baze Tartuskoy  
gorodskoy detskoy bol'nitsy (glavnyy vrach Kh.O'Kyayari  
[H.Kürri]).

(VITAMIN D)  
(CALCIUM blood)

KERES. L.M.; TIIGIMYAE, L.K. [Tiigimäe, L.]

Foreign body (chicken feather) in the bronchus with perforation  
of the thorax. *Pediatrics* no.9:77-78 '61. (MIRA 14:8)

1. Iz kafedry pediatrii Tartuskogo universiteta (zav. - kand.  
med.nauk L.M. Keres) i Mustveyskoy bol'nitsy (glavnyy vrach  
A.K. Alt').

(BRONCHI--FOREIGN BODIES) (CHEST--WOUNDS AND INJURIES)



KERES, Leida; KAARI, Haldja; PARN, A., red.; KASEMETS, O., tekhn. red.

[Manual for pediatricians] Juhendeid lastearstile. Tallinn,  
Eesti riiklik kirjastus, 1962. 331 p. (MIRA 15:5)  
(PEDIATRICS)

Degradation of the elasticity of leather. At 100%  
1.25% and 1.5% H<sub>2</sub>O<sub>2</sub> concentration  
the degradation of the elasticity of leather  
was observed. The degradation of the elasticity  
of leather was observed at 1.25% and 1.5%  
H<sub>2</sub>O<sub>2</sub> concentration. The degradation of the  
elasticity of leather was observed at 1.25%  
and 1.5% H<sub>2</sub>O<sub>2</sub> concentration. The degradation  
of the elasticity of leather was observed at  
1.25% and 1.5% H<sub>2</sub>O<sub>2</sub> concentration. The  
degradation of the elasticity of leather was  
observed at 1.25% and 1.5% H<sub>2</sub>O<sub>2</sub> concentration.

KEREKE, J.

BCI - EL CIPOTEC NIKA. (Boripari Tudományos Egyesület mint a Magyar Tudományos Egyesületek Szövetsége Tagegyesülete) Budapest.

Recurrent features: News of the Association:  
Index for 1955  
Index for 1956

Chromium dissolution in mixed tanning. p. 151

Vol. 8, No. 6, Dec. 1958

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No.3  
March 1959, Unclass

COUNTRY : HUNGARY  
 CATEGORY : Chemical Technology. Chemical Products and  
 Their Applications. Leather. Fur. Gelatine.\*  
 ABS. JOUR. : AZKhim., No. 19, 1959, No. 70127

ABST. :  
 TITLE : Problems in the Swelling of Bare Hides

ORIG. PUB. : Bor. es cibotechn., 1959, 9, No 1, 11-15

ABSTRACT : Described is a method of measuring the resistance of swollen bare hides and reviewed are certain basic swelling problems involved in the treatment of bare hides with lime solutions. There is a linear dependency between the logarithms of pressure and the degree of deformation. Water content of bare hides has no bearing on the degree of swelling. The measurement of resistance of the swollen bare hides gives better results. This criterion affects greatly the quality of leather.  
 \*Tanning Materials. Industrial Proteins.

CARD: 1/1

S/144/60/000/05/013/014  
EO41/E235

AUTHOR: Kereselidze, A. Ye., Candidate of Technical Sciences,  
Docent

TITLE: Static Phase-Splitting Circuit for Converting Single-  
Phase Into Three-Phase Current

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy,  
Elektromekhanika, 1960, Nr 5, pp 130-133 (USSR)

ABSTRACT: The usual objection to static phase conversion is poor efficiency. The arrangement described has an overall efficiency, including the motor load, of 72-72% at a power output of 270W. One phase of the load (a 3-phase motor operating as a 2-phase motor) is connected directly to the supply. The other phase is fed via an autotransformer and transformer-coupled capacitor as in Fig 1. The open-circuit and loaded vector diagrams are Figs 2 and 3 respectively. Fig 7 is an experimental result where output power is measured as a function of capacitance. There are 7 figures and 4 Soviet references. ✓

ASSOCIATION: Nauchno-issledovatel'skiy elektrotekhnicheskiy institut  
sovnarkhoz Gruzinskoy SSR (Electrical Engineering  
Research Institute, Sovnarkhoz of the Georgian SSR)

SUBMITTED: September 14, 1959  
Card 1/1

KERESELIDZE, Akakiy Yermolayevich, kand.tekhn.nauk, dotsent; TODADZE, Shorta Aleksandrovich, inzh.; DZHASHI, Dzhumber Romanovich, inzh.; PETRIASHVILI, Georgiy Gavrilovich, inzh.

Operation of a three-phase asynchronous motor fed by a two-phase voltage system. Izv.vys.ucheb.zav.; elektromekh. 5 no.4:378-381 '62. (MIRA 15:5)

1. Rukovoditel' otдела elektricheskikh mashin Tbilisskogo nauchno-issledovatel'skogo elektrotekhnicheskogo instituta (for Kereselidze).
2. Tbilisskiy nauchno-issledovatel'skiy elektrotekhnicheskii institut (for Todadze, Dzhashi, Petriashvili).  
(Electric motors, Induction)

KERESELIDZE, A.Ye., kand.tekhn.nauk, dotsent (Tbilisi); DZHASHI, D.R.,  
inzh. (Tbilisi)

Operation of two asynchronous motors in a static phase  
splitting network. Elektricheskoye no.9:67 3 '62.  
(MIRA 15:9)

(Electric networks)  
(Electric motors, Induction)

KERESLIDZE, D. G.

DAVID GEORGIYEVICH

Kereselidze, D. G. — "Geological Structure of the Valley of the Kura River Between Gori and Kaspi." Tbilisi State U imeni I. V. Stalin, Tbilisi, 1955 (Dissertation for the Degree of Candidate in Geologicomineralogical Sciences)

SO: Knizhnaya Letopis', No 24, 11 June 1955, Moscow, Pages 91-104



KERESLIDZE, D.G.

Age of the Dusheti series. Soob.AN Gruz.SSR 23 no.4:417-419 0  
'59. (MIRA 13:5)

1. Akademiya Nauk Gruzinskoy SSR, Institut paleobiologii, Tbilisi.  
Predstavleno akademikom L.Sh.Dabitashvili.  
(Georgia--Geology, Stratigraphic)

KERESELDZE, D. G.

Biostratigraphy of middle Miocene deposits in the Gori-Kaspi area.  
Trudy Inst. paleobiol. AN Cruz. SSR 5:3-61 '60. (MIRA 13:12)  
(Gori region--Paleontology, Stratigraphic)  
(Kaspi region--Paleontology, Stratigraphic)

KERESELIDZE, D.G.

Biostratigraphy of the Sakaraul horizon. Izv. Geol. 'ob-va Gruz.  
3 no.1:3-16 '63. (MIRA 17:9)

KRESELIDZE, D.I.

Planning and designing pile foundations with low caps and  
friction piles. Soob. AN Gruz. SSR 22 no.4:433-440 Ap '59.  
(MIRA 12:9)

1. Tbilisskiy institut inzhenerov zheleznodorozhnogo transpor-  
ta im. V.I. Lenina. Predstavleno akademikom K.S. Zavriyevym.  
(Piling (Civil engineering))

KERESELIDZE, G.K.

Principal results of geologic exploration in the Georgian S.S.R.  
during the 40 years of the Soviet power. Sov.geol. 4 no.6:53-57  
Je '61. (MIRA 14:6)

1. Geologicheskoye upravleniye pri Sovete Ministrov Gruzinskoy  
SSR.

(Georgia—Prospecting)

BETEKHTIN, A.G., glav. red. [deceased]; AVALIANI, G.A., red.;  
ERAUN, G.A., red.; GUDZHEDZHIANI, B.I., red.;  
DZIDZIGURI, A.A., red.; DOLIDZE, D.P., red.  
KERESLIDZE, K.G., red.

[Chiatura manganese deposit] Chiaturskoe mestorozhdenie  
margantsa. Moskva, Izd-vo "Nedra," 1964. 243 f.  
(MIRA 17:6)

1. Georgia. Geologicheskoye upravleniye.

KERESELDZE, K.M., kand.ekonomicheskikh nauk (Tbilisi); KAKITELASHVILI,  
I.Ya., inzh. (Tbilisi)

Increased labor productivity at the Tiflis Locomotive and Car  
Repair Shop. Zhel.dor.transp. 41 no.12:71-73 D '59.  
(MIRA 13:4)

(Railroads--Repair shops)

WYNSHET, M. S., (1954)

"Investigation of Sedimentation Tanks of Continuous Action in the Plan of Hydroelectric Stations." Cand Tech Sci, Moscow Order of the Lenin Order Engineering Inst Ineri  
V. I. Lolotov, 11 Feb 54. Dissertation (Vostremaya Iosive Moscow, 10 Feb 54)

SO: SUM 106, 19 Aug 1954



124-57-1-539

Translation from: Referativnyy zhurnal, Mekhanika, 1957, Nr 1, p 67 (USSR)

AUTHOR: Kereselidze, N.B.

TITLE: On the Calculation of Continuous-flow Settling Basins (O raschete otstoynikov nepreryvnogo gidravlicheskogo promyva)

PERIODICAL: Izv. Tbilissk. n.-i. in-ta sooruzh. i gidroenerg., 1955, Vol 9, pp 18-29

ABSTRACT: The problem of the deposition of the suspended particles in continuous-flow settling basins is examined by two methods: calculation in terms of the limiting fraction of sedimentation and calculation in terms of a given turbidity.

Kh. A. Navoyan

1. Settling basins--Flow--Analysis

Card 1/1

SOV-98-58-2-9/21

AUTHORS: Dzhimsheli, G.A., Professor, Doctor of Technical Sciences,  
Saralidze, A.E., and Kereselidze, N.B., Candidates of Technic-  
al Sciences

TITLE: A Sediment-Rejecting Water Intake at the Bottom (Nanososbra-  
syvayushohiy dnnyy voczabor)

PERIODICAL: Gidrotekhnicheskoye stroitel'stvo, 1958, <sup>27</sup>Nr 2, pp 36-38 (USSR)

ABSTRACT: The existing bottom water intakes do not ensure a continuous  
delivery of sediment-free water. Professor G.A. Dzhimsheli  
has designed an improved device in which the simplicity of  
open water intakes has been retained. The water is for the  
most part freed of bottom sediment before it enters the re-  
ceiving gallery. A description of the intake is given.  
There is 1 diagram.

1. Power plants--Operation
2. Water filters--Applications
3. Water--Purification

Card 1/1

KERESELIJZE, R.D.

Automation of a tire vulcanization process. Trudy GPI [Gruz.] no.  
3:61-70 '63. (MIRA 17:6)

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**CIA-RDP86-00513R000721520018-5"**

KHRECHIDZE, Sh. Ya.

Tea Machinery

Overall mechanization of tea plantations. Sel'khoz mashina, No. 4, 1952.

Monthly List of Russian Accessions, Library of Congress, August 1952. Unclassified.

1. KERESELDIZE, SH. YA.
2. USSR (600)
4. Tea Machinery
7. Mechanized harvesting of tea and the machine for selective sampling of tea leaves.  
Sel'khoz mashina no. 11, 1952.
9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

KERESELIDZE, Sh. Ya.

KERESELIDZE, Sh. Ya., kandidat tekhnicheskikh nauk; KHUKHUNI, T.V., inzhener;  
SANKIDZE, V.K., inzhener.

Mountain tractor. Sel'khoz mashina no. 2:15-19 F '54. (MLRA 7:2)  
(Tractors)



KERESELI DZE, Sh.Ye., dotsent, kand.tekhn.nauk; KHOKHLOV, I., red.;  
YAMANIDZE, Sh., tekhn.red.

[Mechanized cultivation of subtropical plants] Mekhanizatsia  
subtropicheskikh kul'tur. Tbilisi, Gos.izd-vo uchebno-pedagog.  
lit-ry "TsODNA," Pt.1. [Mechanized harvesting of tea] Mekha-  
nizatsia sbora chais. 1957. 323 p. (MIRA 12:9)  
(Tea--Harvesting)

KERESILIDZE, Sh.Ya., kand. tekhn. nauk.

Effect of impact on a tea shoot resting against two immobile  
supports. Sel'khoz mashina no.9:8-10 9 '57. (MLRA 10:9)  
(Tea machinery)

KERESELIDZE, Sh.Ya., kand.tekhn.nauk

Mechanizing the gathering of tea leaves; ~~some~~ problems in the  
theoretical studies on the function of the prongs of the  
Chu-1,5(s) tea-picking machine. Biul. VNIICHISK no.1:11-50  
'57. (MIRA 15:5)

(Tea machinery)

KERESELIDZE, Sh.Ya., dots; KHUKHUNI, T.V., inzh.; SHKOL'NIK, E.B., inzh.

Investigating the performance of the automatic stabilizer of  
USQ-12A tractors designed for steep slopes. Trakt. 1 sel'-  
khoz mash. no.3:4-8 Mr '59. (MIRA 12:4)  
(Tractors)

KERESHLIDZE, Sh.Ya., kand.tekhn.nauk

"Rioni" tractor. Trakt.i sel'khozmasb. 30 no.2:34-35  
F '60. (MIRA 13:5)

(Tractors)

KERESLIDZE T.S.

COUNTRY : USSR  
CATEGORY : General Problems of Pathology. Immunity

ABR. JOUR. : RZBiol., No. 12 1958, No. 56215

AUTHOR : Kereslidze, T.S.

INST. :  
TITLE : The Problem of the Reproduction of Antibodies  
(Agglutinins) in the Organism

ORIG. PUB. Collection: Osnovy Immuniteta, Moscow, 1956,  
197-201

ABSTRACT Upon injection of rabbits immunized against typhoid vaccine, following a fall in the titer of agglutinins (TA; from 1:12,800 to 1:800), with the blood of a normal rabbit, there was an increase in the production of antibodies of 12½ times, and this level was held for 5 days. The injection into the skin of streptococci also stimulated an increase in the TA (to 1:12,800) and this effect continued for 30 days. Injection of turpentine intracutaneously for a period of 10 days also increased the TA. Anesthetic 2-day urethane-veronal sleep reduced the stimulating effect of these two substances. -- L.V.Devoyno  
1/1

CARD:

APPROVED FOR RELEASE SEP 06/13/2000 Kereslidze, T.S. CIA-RDP86-00513R000721520018-5"

Annotations and authors' abstracts. Pediatria 41 no.11:89  
N°62 (MIRA 17:4)

1. Iz Sakhumskey detskoy bol'nitsy.

KERESELDZE, T.S. Cand Med Sci -- (diss) "On the <sup>problem</sup> ~~question~~  
of ~~formation~~ <sup>the</sup> production and reproduction of antibodies.  
(Agglutinins)." Tbilisi, 1957. 115 pp . (Tbilisi State  
Med Inst. ) 200 copies.  
(KL, 8-58, 108)

-63-

KERESHI, L. [Korosi, L.] (Vengriya)

Flysh formations in the Great Hungarian Plain (Alfold). Mat.  
Karp.-Balk.assots. no.3:103-114 '60. (MIRA 14:12)  
(Alfold--Flysh)



RUSINOV, K.S.; ATANASOVA-SHOPOVA, S.; Tekhn. sotrudnichestvo: KERESTEDZHILIAN, A.

Pharmacological studies on our plants with special reference to  
their anticonvulsive properties. I. Izv. Inst. fiziol. (Sofia)  
7:205-215 '64.

KERESPEZHIAN, B.

Columns of loud-speakers. p. 48.

RADIO. Vol. 5, no. 5, 1956

Sofia, Bulgaria

SOURCE: East European Accessions List (EEAL) Library of  
Congress, Vol. 6, No. 1, January 1957

RUMANIA

Dr I. KERESTELY, Dr I. KONRAD, Dr E. SZENTKIRALYI, Dr D. SZILAGYI and  
Dr LORINCZ, Clinic of Infectious Diseases, (Clinica de boli contagioase)  
Medical College, Head (conducator) Prof Kelemen LASZLO, Tg. Mures.

"Considerations REgarding a Case of Amebic Dysentery."

Bucharest, Microbiologia, Parazitologia, Epidemiologia, Vol 8, No 2,  
Mar-Apr 63; pp 181-186.

Abstract [English summary modified]: Detailed description of case in  
lawyer aged 37; chronic bacterial dysentery responded poorly to any  
medication; chronicity was eventually found to be due to amebae. Two  
photomicrographs; 3 Soviet, 3 Rumanian, 2 Hungarian, 1 Yugoslav and  
7 Western references.

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PETER, M., dr.; DOMCKOS, L., dr.; INCZEFFY, Z., dr.; BOERIU, I. dr;  
KOGSIS, Sofia, dr.

Contribution to the study of the distribution of helminthiasis.  
Microbiologia (Bucur.) 9 no.3:217-223 My-Ja '64.

1. Lucrare efectuata la Institutul de medicina si farmacie din  
Tirgu-Mures -- Disciplina de parazitologie, Clinica de boli in-  
fectioase si Inspectia Sanitara de stat a R.M.A.M.

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**CIA-RDP86-00513R000721520018-5"**

RECEIVED 17 VJ

BOER, Vasile; TAMAS, Ghizela; TREGER, Elza; NICOARA, Ioan; KAZSA, Ladislau;  
KNESTELY, Ioan

Hemagglutination inhibition tests in viral hepatitis. Stud.cercet.  
inframicrobiol., Bucur. 5 no.1-2:98-100 Jan-June 54.

(HEPATITIS, INFECTIOUS, diagnosis,  
hemagglut. inhib. tests)

(HEMAGGLUTINATION,  
inhib. tests in infect. hepatitis)

RUMANIA / Virology. Human and Animal Viruses. Hepatitis  
Viruses.

E-3

Abs Jour : Ref Zhur - Biol., No 20, 1958, No 90638

Authors : Torok, Ferenc; Kerestely, Janos.

Inst : Not given

Title : Characteristic Vestibular Reaction Changes in the Presence  
of Epidemic Hepatitis.

Orig Pub : Rev. med. (RFR), 1957, 3, No. 5, 72-73

Abstract : No abstract given.

Card 1/1

17

TOROK, Ferenc; KERESTELY, Janos

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721520018-5"

Characteristic divergences in vestibular reactions in epidemic  
hepatitis. Ful orr gegegyogy no.3:138-142 Oct 57.

1. A Marosvasarhelyi Ful-orr-gegeklinika (Vezető: Vendeğ Vince,  
Egyetemi tanár) és a Fertőző klinika (Vezető: Kelemen László, egyetemi  
tanár) közleménye.

(HEPATITIS, INFECTIOUS, physiol.

anomalous reactions of vestibular nerves (Hun))

(NERVES, VESTIBULAR, in various dis.

hepatitis, infect., anomalous reactions (Hun))

KERESTELY, János

TORONTO, Dr.; KERESTELY, János, Dr.

Changes of cerebrospinal fluid in viral hepatitis. *Orv. hetil.* 98 no.33: 901-903 18 Aug 57.

L. A. Marosvásárhelyi Ful-, orr-, garatgyógyászati Klinika (vezető: Kondog Vinco dr. egyetemi tanár) és a Fertőző Betegségek Klinikájának (vezető: Kelemen László dr. egyet. tanár) közleménye.

(HEPATITIS, INFECTIOUS, CSF in (Hun))

(CEREBROSPINAL FLUID, in various dis. hepatitis, infect. (Hun))

RUMANIA

576.851.49.097.22:615.779.93

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KONRAD, I., Dr, LORINCZ, P., Dr, KERESTELY, J., Dr, and KELEMEN, L., Dr. Work performed at the Clinic for Contagious Diseases (Clinica de Boli Contagioase), Tirgu Mures.

"Study of the Sensitivity to Antibiotics of Shigella Strains Isolated in 1960-1964."

Eucharest, Microbiologia, Parazitologia, Epidemiologia, Vol 11, No 6, Nov-Dec 66, pp 537-542.

Abstract: As a result of antibiograms performed on all strains of Shigella isolated in their laboratories between 1960 and 1964, the authors found that all the strains (flexneri, sonnei, schmitzi) showed a rapid increase in their resistance to chloramphenicol. They also noted a large increase in multiple resistance, ie. resistance not only to the antibiotic used in treatment but also to the other ones tested; the only exception was neomycin, resistance to which is appearing much more slowly. In regard to cases of bacteriologically confirmed cases of bacillary dysentery, the odds of encountering resistant bacteria were 1:1 for streptomycin, 1:2 for chloramphenicol and 1:3 for tetracycline.

Includes 2 tables, 5 figures and 12 references, of which 4 Rumanian, one Hungarian, one German and 6 English-language. --

1/1 Manuscript submitted 22 May 1965.

KERESZTELY, Piroska

While polyester lacquer gets to users. Faipar. 12 no.4:125-128  
Ap'62

1. Ujpesti Asztalosarugyar.



KERESZTELY, Sandor, okl. villamosmérnök

Theory and application of controlled rectifiers. Mérés automat 10  
no.2:44-49 '62.

1. Tudományos munkatárs, Méréstechnikai Központi Kutató Laboratórium.

Investigations on catalysts. XVIII. Changes in the order of reaction with respect to the acceptor, during catalytic hydrogenation. Z. Csuros, I. Géry, and T. Kerecsity (Tech. Univ., Budapest). *Atta Chim Acad. Sci. Hung.* 16, 91-102 (1968) (in English); cf. *C.A.* 52, 18590k. — In accordance with the investigations of Morris, Lieber, and Bernstein (*C.A.* 47, 11919s) it was found that for the hydrogenation of cinnamic, maleic, and fumaric acids, the order of reaction with respect to the acceptor increases in the majority of cases with the extent of reaction, whereas in other cases it was const. The rate const. appeared to be const. during the course of the reaction and was correlated with the quantity of catalyst, as well as concn. of substrate. No correlation existed between the order of reaction and quantity of catalyst. George A. Hall, Jr.

5  
2-May

Distr: 4E4j

Investigations on Catalysts, XVIII. Changes in the Order of Reaction,  
With Respect to the Acceptor, During Catalytic Hydrogenation.---  
Z. Csürös, I. Géczy and T. Keresztely (Institute of Organic Chemical  
Technology, Technical University, Budapest)

Received March 8, 1957  
Acta Chimica-Academiae Scientiarum Hungaricae  
1958, Vol 16, Nr 1, p 91

5  
1

SUMMARY

✓ On the basis of our earlier measurements it was found, in accordance with the investigations of MONTZ, LIZSEN and BENNETT, that in the hydrogenation reaction the order of reaction with respect to the acceptor increases, in the majority of cases with the extent of reaction, whereas in certain other cases it proved to be constant, within experimental errors. The rate constant of reaction appeared to be constant during the course of the reaction, being correlated with the quantity of catalyst, as well as with the concentration of the substrate. It seems that no correlation exists in the investigated cases between the order of reaction and the quantity of the catalyst.

1/1

Jef

Keresztely, T.

10. Investigations on catalysis, XVIII.\* (In English) Z. Csúros, I. Gócsy, T. Keresztely. *Acta Chimica Academiae Scientiarum Hungaricae*, Vol. 18, 1958, No. 1, pp. 91-102, 9 figs., 3 tabs.

On the basis of earlier measurements conducted by the authors it was found in accordance with the investigations of Moritz, Linber and Bernstein that the order of reaction of the hydrogenation reaction referred to the acceptor increases in the majority of cases with the progress of reaction whereas in certain other cases it proved to be constant within experimental errors. The rate constant of reaction appeared to be constant during the course of reaction being correlated with the quantity of catalyst and with the concentration of the substrate. It is most probable that there is no definite correlation between the order of reaction and the quantity of catalyst under the investigated experimental conditions.

JW  
1/1

KERESTESHI, B.

"Importance in Forest Economy and Forestation Characteristics of the Black Acacia in the Afforestation of the Hungarian People's Republic." Cand Agr Sci, Leningrad Forestry Engineering Acad, Forest Technical Acad imeni Kirov, Leningrad, 1953. (RZhBiol, No 3, Oct 54)

Survey of Scientific and Technical Dissertations defended at USSR Higher Educational Institutions (10)

So: Sum. No. 461, 5 May 55

KERESZTESHI, B.

HUNGARY / Forestry. Forest Management.

K

Abs Jour: Ref Zhur-Biol., No 7, 1958, 29543.

Author : Kerestashi, B.

Inst : Not given.

Title : Forestry's Current Condition and Tasks Near at  
Hand in Hungary.  
(Sovremennoye sostoyaniye i blizhayshiye zadachi  
lesnogo khozyaystva (Vengrii)).

Orig Pub: Erdo, 1957, 6, No 6, 210-228.

Abstract: No abstract.

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APPROVED FOR RELEASE: 06/13/2000  
BEKES Ferenc; ERESZ, Gyula

CIA-RDP86-00513R000721520018-5"

Sampling by quota system in public opinion polls. Stat szemle  
43 no.3:279-287 Mr '65.

1. Division of Public Opinion Polls of the Hungarian Radio  
and Television, Budapest.

KERESZ, I.

Soil-controlled square-seeding machine. p. 202.

(JARMUVEK ES GEPEK, Budapest, Vol. 1, no. 7, July, 1954)

SO: Monthly list of East European Accessions (EEAL), LC, Vol. 4, No. 1, <sup>6</sup>Jan 1955  
Unclassified.

KERESZTELY T.

HUNGARY / Physical Chemistry. Kinetics. Combustion. B-9  
Explosives. Topochemistry. Catalysis.

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 76756.

Author : Csueroes, Z., Geozy, I., and Keresztely, T.  
Inst : Not given.  
Title : Catalytic Studies. VIII. Change in the Reaction  
Order in the Hydrogenated Compound During Catalytic Hydrogenation.

Orig Pub: Magyar Tud Akad Kem Tud Oszt Koezl, 9, No 2,  
195-205 (1957) (in Hungarian).

Abstract: On the basis of previously published data on the catalytic hydrogenation of cinnamic, maleic, and fumaric acid, the authors arrived at the conclusion that in the course of the hydrogenation the order of the reaction in the hydrogenated com-

Card 1/2



KERESZTELY

7  
 III. Investigations on catalysts. XVIII. (In English) /  
 Csirga, I. Gábor, T. Keresztely. Acta Chemica  
 Academiae Scientiarum Hungaricae, Vol. 10, 1968, No. 1,  
 pp. 91-102, 9 figs., 3 tabs.

On the basis of earlier measurements conducted by the authors it was found in accordance with the investigations of Moritz, Lieber and Bornstein that the order of reaction of the hydrogenation reaction referred to the acceptor increases in the majority of cases with the progress of reaction whereas in certain other cases it proved to be constant within experimental errors. The rate constant of reaction appeared to be constant during the course of reaction being correlated with the quantity of catalyst and with the concentration of the substrate. It is most probable that there is no definite correlation between the order of reaction and the quantity of catalyst under the investigated experimental conditions.

JW  
 1/1

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KERESZTENY, BELA

Chem Ab 449  
1-25-84  
Soils & Fertilizers

2

✓ Changes in the phosphorus content of soil under anaerobic conditions. Bela Keresztény (Agr. Expt. Inst., Mosonmagyaróvár, Hung.). *Agrokémia és Talajtan* 2, 185-90 (1953).—Neubauer tests with 12 characteristic northern Transdanubian soils kept under aerobic and anaerobic conditions, resp., showed increases in the content of acid-sol. P<sub>2</sub>O<sub>5</sub> only in soils with a pH value below 8.0, kept under anaerobic conditions. Rye apparently cannot assimilate this excess P. Gley soils are oxidized by the roots of plants. This process reduces the Egner-P content of soil to a certain degree after which a rise is observable. I. P.

*Handwritten: 1. 1. 1954*

✓ Properties of the materials used for granulating superphosphates. Béla Keresztény and Olga Kubal (Agr. Expt. Sta., Mővelődésközpont, Hung.). *Agr. Expt. Sta. Takaján 3, 173-80 (1954) (German summary)* --To find the most suitable material to be mixed with superphosphate for granulation, several materials and their mixtures with superphosphate were granulated and tested, both for phosphate soly. and resistance to disintegration. From lab. and field tests it was concluded that when using org. materials for granulation, these have little effect on improved crops. High-lime substances, or others, causing a decrease in the water soly. of superphosphate are not appropriate. For industrial granulation, all addns. not lowering soly. of the superphosphate are acceptable, while for granulation on the farm, chicken manure is recommended with some acidic material added for obtaining sufficient consistency. If the granule size obtained is unsatisfactory, or the granules disintegrate when sown along with the seed, the fertilizer should be spread separately and plowed into the field.

Peter D. Moskovits

✓ PERSATENT BILBA.

✓ Efficacy of artificial mineral fertilizers. Belk, Kozma  
1964. Agrochimica 10: 1-4. 4 p. Summary. The effect of various artificial mineral fertilizers (nitrogenous, phosphorous, potassium, and combinations thereof) on the growth and yield of various crops (wheat, corn, soybeans, etc.) is discussed. The case of the phosphorous fertilizers is discussed in detail. The effect of these fertilizers on the soil is also discussed.

KERESZTENY, Bela; PERJAMOSI, Maria

The effect of some characteristics of soils on the phosphate fixing capacity of soils. Agrokem talajtan 10 no.4:493-504 D '61.

1. Mezogazdasagi Akademia, Kemia-Talajtani Tanszek, Mosonmagyaróvár.

KERESZTENY, Bela; CSOK, Janos

Factors in ammonium and nitrate nitrogen content changes of some alluvial and meadow soils. Agrochem talajtan 9 no.2:213-226 '60.

1. Mezogazdasagi Akademia Kemia Talajtani Tanszeke, Mosonmagyar-  
ovar.

KERESZTENY, Bela; NAGY, Lehel Istvan

Investigation of organic molybdenum contents in some soils. Agrochem  
talajtan 9 no.4:495-500 '60.

1. Mezogazdasagi Akademia, Kemia-Talajtan Tanszek, Mosonmagyar-  
ovar.



KERESZTENY, Bela; MARKOVITS, Laszlo

Correlation between the decrease of the effect of ammonium nitrate and some soil research data. Agrokem talajtan 12 no.1:31-40 Mr '63.

1. Agrartudományi Főiskola Kémia-Talajtani Tanszéke, Mosonmagyaróvár.

KERESZTES, Ervin; NEMETH, Endre

Automation possibilities in the clothing industry. *Magy textil* 13  
no.12:542-548 D '61.

1. Textilipari Kutato Intezet.

KERESZTES, Gyorgy

Modern telephoning and long-distance dialing. Term tud kozl  
6 no.10:462-166 0 '62.

1. Posta Kiserleti Intezet tudomanyos munkatarsa, Budapest.

KERESZTES, Istvan

Common enterprises of collective farms. Flat tud 17 no. 14:419-421.  
Ap '62

1. Mezogazdasagi Uzemszervezesi Kutatointezet munkatarsa.

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KERESZTES, Janos

Certain questions of applying plastics in mechanical engineering.  
Magy kem lap 19 no.7:370-373 J1 '64.

1. Borsod Chemical Combine, Kazincbarcika.

KERESZTES, Janos

Characteristic data and structure of polymerizing devices. *Magy*  
kam lap 18 no.7:349-355 J1 '63.

1. Berentei Vegyilmuvek.

ZINCZ, Bela; KERESZTES, Janos

Design of a pump made of plastics. Kem tud kozl MTA 14 no.3:298-302  
'60. (EEAI 10:9)

1. Szerves Vegyipari es Muanyagipari Kutato Intezet, Budapest.

(Pumping machinery) (Plastics)



KERESZTES, Laszlo, dr.; KOVACSICS, Janos, dr.; BALOGH, Janos, dr.

Guidance, specialization and training for district medical  
officers. Nepegeszsegugy 45 no.1:5-6 Ja'64.

\*

KERESZTES, Laszlo

I have learned from it. Repules 14 no.1:8 Ja '61.

MECS, Iaszlo, dr.; KERESZTES, Iaszlo, dr.

New organizational form of health administration in Szigetvar  
County. Nepegeszsegugy 44 no.9:257-259 S '63.

1. Kozlomeny a Budapesti Orvostudomanyi Egyetem Egeszsegugyi  
Szervezesi Intezetebol.

(PUBLIC HEALTH ADMINISTRATION)

(PREVENTIVE MEDICINE)

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KERESZTES, M. PROCESSES AND PROPERTIES INDEX

MAGYAR TECHNIKA  
HUNGARIAN ENGINEERING  
1951  
No. 3, March

45-51

52-54

M. Keresztes:  
Increasing the output of vertical chemical plants

52-54

ASAC SLA METALLURGICAL LITERATURE CLASSIFICATION

H. KERESZTES.

"The Great Creation of our Five-Year Plan: The Borsodi Combine which is Under Construction." p. 5 (Utitol Lapja, Vol. 5, no. 11 June 1953 Budapest.)

SO: Monthly List of East European Accessions. Vol. 2, no. 9 /Library of Congress, Sept, 1953 Uncl.

KERESZTES, MATYAS

"Nitrogen industry"

P. 460 (Muszaki Konyvkiado, 1955, Budapest, Hungary)

Monthly Index of East European Accessions (EEAI) LC, Vol. 8, No. 1,  
Jan. 58.

HUNGARY

KERESZTES, Miklos, KERTAI, Pal, technical assistant: STARK, Klara; OKI, Department of Physiology and Pathophysiology ([Orszagos Kozegeszsegugyi Intezet -- National Public Health Institute], Elettani es Korelettani Osztaly).

"Role of the Pituitary and Adrenals in the Changes in Leukocyte Count Caused by Endotoxin."

Budapest, Kiserletes Orvostudomány, Vol XVIII, No 4, Aug 66, pages 347-352.

Abstract: [Authors' Hungarian summary] Small doses of Salmonella typhi endotoxin do not cause early granulocytosis in hypophysectomized and adrenalectomized rabbits. It can be demonstrated by the administration of ACTH and adrenalin that early granulocytosis can be explained by the activation of the adrenalin-pituitary-adrenocortical system. On the other hand, the late granulocytosis which can be evoked by larger doses is caused by humoral factors the production of which proceeds without the pituitary and the adrenals. 2 Hungarian, 25 Western references. [Manuscript received 6 Jul 65.]

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CZOTTNER, Sandor; KERTAI, Gyorgy, dr.; DANK, Viktor, dr.; BENCZE, Laszlo; KASSAI, Lajos; BUCSKO, Eva; GALAMBOS, Istvan; NAGY BIRO, Sandor; TOT, Janos; NEDEA, Ede; TAKACS, Pal, dr.; SIPOS, Janos; BERECHY, Tamas; HALMAY, Jenő; KERESZTES, Matyas, dr.; CORNIDES, Istvan; BALLA, Sarolta

The 2d Hungarian Conference on Natural Gas. Ipari energia 3 no.10:225-231 0 '62.

1. Nehezipari miniszter (for Czottner).

FOLDVARI, I. Peter; CZEIZEL, Endre; KERESZTES, Miklos; PALMOVITS, Miklos

Effect of individual components of so-called pineal complex on the absorption of Na<sup>24</sup> from the small intestine. Kiserl. orvostud. 14 no.2:142-146 Ap '62.

1. Orszagos Kozegeszsegugyi Intezet, Eletteni es Korelettani Osztaly, Budapest.

(SODIUM metab) (INTESTINE SMALL physiol)  
(PINEAL BODY physiol)



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**CIA-RDP86-00513R000721520018-5"**

KERESZTES, Sandor

On the "starting performance" of mechanical mixers. Magy kem lap 17  
no.11: 522-525 N '62.

1. Vegyimuveket Tervezo Vallalat.

KERESZTES, Sandor

Static condition of the stability of the one-wheeled trailer  
of solo motorcycles. Jarmu mezo gep 7 no.4:130-132 '60.

KERESTESH, Shandor, [Keresztes, Sandor], inzh.

Starting power of mechanical mixers. Khim.mashinostr. no.3:12-  
14 My-Je '63. (MIRA 16:11)

1. Vengerskiy khimicheskiy proyektnyy institut, Budapesht.

KERESZTES, Tamas

The Nitrogen Factory of the Chemical Combine of the Tisza  
Region. Magy Kem lap 15 no.5/6:225-238 My-Je '60.

1. Tiszavideki Vegyi Kombinat.

HERESZTES, Zs

Processes and Properties of Tyrosine

The tyrosine binding of ovalbumin and casein. Zsuzsanna Keresztes. *Magyar Chem. Folyóirat* 40, 1-13(1934).

The tyrosine binding was examd. in solns. of various  $pH$  values. The reaction products were sepd. from the free amino acids by ultrafiltration. The binding lines figured on the basis of tyrosine concn. at the beginning show breaks which demonstrate that the binding takes place gradually.

S. S. de Finály

ASD 51.6 METALLURGICAL LITERATURE CLASSIFICATION

**CIA-RDP86-00513R000721520018-5**

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**CIA-RDP86-00513R000721520018-5"**

KERESZTESI, B.

Role of Soviet forestry in further development of agricultural production. p. 6.  
(Az Erdo, Budapest, Vol. (3), no. 1/2, Mar 1954)

SO: Monthly list of East European Accessions (EEAL), LE Vol 4, no. 6, June 1955 Uncl

KERESZTES, B.

Silvicultural properties of the acacia and its significance in view of forestry in the Hungarian Alföld. p. 181. (AZ ERDŐ, Budapest, Hungary), Vol. 3, No. 6, June 1954.

SO: Monthly List of East European Accessions, (SEAL), I.C, Vol. 4, No. 5, May 1955, Uncl.

KERECZTESI, B.

The forest as a factor in developing and increasing productivity of the soil. p. 221. (AGRARTUDOMANY, Budapest, Hungary), Vol. 6, No. 8, Aug. 1954.

SO: Monthly List of East European Accessions, (EEAI), LC, Vol. 4, No. 5, May 1955, Uncl.